ANNOUNCEMENT

Agent 2005 Conference

Generative Social Processes, Models, and Mechanisms

Argonne National Laboratory
The University of Chicago

Repast Training Course, October 10–12, 2005 – Conference Papers, October 13–15, 2005

Social agent simulation is increasingly recognized as an effective methodology within the social sciences, particularly a growing range of policy issues. At the same, the deep and dynamic complexity of the domain continues to challenge social modelers. Several approaches have emerged with the potential to address social complexities.

One strategy is to design and employ *multi-mechanism models*. This strategy provides a way for specialized mechanisms to progress at their own pace, while participating in a broader model, and also facilitating the cooperation of diverse subject-matter experts. Agent 2005 is interested in tools that support, as well as results from, multi-mechanism models.

A second approach is more embryonic. Social complexity is generated by the interaction of social agents. Accordingly, much of the richness of social institutions and processes is emergent. Using *generative software* to generate social dynamics thus appears to provide a natural strategy. Software may be generative in two senses: it generates a customized simulation application from a common ontology or set of principles and, also, *situated agents,* as individuals and collectivities, dynamically generate and evolve preferences, plans, communication, action, and consequences.

These two approaches by no means exhaust research creativity in social simulation, and the Agent 2005 conference will be pleased to highlight all such innovations. We welcome your submission.

Computational Social Theory	Social Simulation Applications	Methods, Toolkits & Techniques
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Agent 2005 will reserve one day for each topic. We encourage submissions to indicate under which topic they might best be considered.

If you are interested in presenting a paper, please submit an abstract of at least 500 words to **agent2005@anl.gov**. If your abstract is accepted, you will be asked to submit a paper of 2,500 to 4,000 words in final form. Information on paper format guidelines, registration, and lodging are available at the conference Web site at **agent2005.anl.gov**. Papers presented at the conference will be published in the *Agent 2005 Proceedings*.

Deadlines:

Abstract Deadline	Notification of Acceptance	Final Paper Deadline
July 18, 2005	August 8, 2005	September 24, 2005

Registration required.

The Repast Training Course attendance is limited.

Repast Training Course (3 days) (see Web site for details)

$150, BYOL (Bring Your Own Laptop)

Agent 2005 Conference (3 days) (see Web site for details)

$300 for business, industry, and government (including other labs)

$150 for academic

$75 for students

Co-hosted by:
Argonne National Laboratory, Decision and Information Sciences Division
The University of Chicago, Division of the Social Sciences
In association with:
North American Association for Computational Social and Organizational Science

Agent 2005

agent2005.anl.gov

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